

# ASP TM25-384S ASP TM50-384S ASP TM75-384S ASP TM100-384S

## THERMAL IMAGING MONOCULAR

The PRG Defense ASP represents the line of the most technologically advanced thermal imaging monoculars currently existing on the market. Based on Shutterless microbolometer cores and made of high-grade aircraft aluminum alloy the unit guarantees durability and outstanding performance even to the most sophisticated users. This uncooled, long-wave infrared, magnified thermal imaging camera by PRG Defense is designed for fulfilling of both, day and night missions, irrespective of the environment and weather factors. Variety of objective lenses (25 mm, 50 mm, 75 mm, and 100 mm) enables the operator to use the device as both a compact, pocket-sized thermal imaging monocular, or as a long-range observation tool. The ASP thermal imaging monocular can be easily connected to extended battery pack to increase operational time. Optional Wi-Fi module for live video streaming and recording is also available.

- High-performance thermal imaging monocular
- Advanced Shutterless technology
- Durable and lightweight design
- Easy and intuitive operation
- Manually adjustable eyepiece and objective lens
- External WiFi module
- Optional video recording
- A wide variety of color palettes
- Digital zoom: 1x, 2x, 4x
- Wireless remote control
- Waterproof
- Integral MIL-STD-1913 rails on unit for optional accessories
- Powered by two standard CR123A batteries
- External power supply via micro USB



## SPECIFICATIONS

	TM25-384S	TM50-384S	TM75-384S	TM100-384S
Resolution			384x288	
Detector		17µm Vox Shutterless Microbolometer, 50Hz		
Start up		3 seconds		
Lens system	25 mm; F/1.0	50 mm; F/1.0	75 mm; F/1.0	100 mm; F/1.0
Optical magnification	1.7x	3.45x	5.2x	6.9x
Field of view	15.0° x 11.2°	7.5° x 5.6°	5.0° x 3.7°	3.75° x 2.8°
Digital zoom		1x, 2x, 4x Continuous digital zoom		
Diopter adjustment range		-5 to +5 dpt		
Focusing range	2 m to infinity	10 m to infinity	10 m to infinity	10 m to infinity
Display		SVGA LCD (800x600)		
Video output		Composite analogue video (PAL)		
Temperature imaging palettes		Blackhot, Whitehot, Sepia, Iron, Fire		
Interfacing		- S620 Connector (Power In, Analog Video In/Out, HD Video Recorder, Extended Battery Attachment ) - Micro USB (Power Bank, Video Recorder, WiFi Attachment)		
Battery Type		Two CR123A 3V Lithium Batteries or CR123 Type Rechargeable Batteries with Voltage from 3.0V to 3.7V (2)		
Battery Life (Operating)		Up to 4 hr (optional up to 12 hrs)		
Extended Battery Attachment (optional)	Two 18650 rechargeable batteries (3.7V), four CR123 rechargeable batteries with voltage 3.7V max, or four standard CR123A 3V Lithium batteries (operational time up to 8 hr)			
Operating Temperature Range		-40°C to +50°C (-40°F to +122°F)		
Weight	0.58 kg (1.2 lbs)	0.69 kg (1.5 lbs)	0.83kg (1.8 lbs)	1.2 kg (2.65 lbs)
Overall Dimensions	196 × 72 × 56 mm (7.7 × 2.8 × 2.2 in)	220 × 72 × 60 mm (8.6 × 2.8 × 2.3 in)	248 × 89 × 89 mm (9.8 × 3.5 × 3.5 in)	297 × 112 × 112 mm (11.0 × 4.4 × 4.4 in)
Package Includes	Thermal imaging monocular, Lens Cloth, Soft Carrying Case, User Manual			

Specifications are subject to change without notice. Images are for illustration purposes only.

## OPTIONAL EQUIPMENT



Professional Titanium Tripod with a Grip



WiFi Attachment



HD Recorder



Extended Battery Attachment



Hard Case



### PRG Defense

19775 Belmont Executive Plaza  
Suite 525  
Ashburn, Virginia 20147  
Tel. 703.771.3003  
Fax 703.858.7353  
info@prgdefense.com  
www.prgdefense.com

Equipment described herein is subject to US export regulations and may require a license prior to export. Diversion contrary to US law is prohibited.

©2018 PRG Defense  
All rights reserved.